

What is claimed is:

1. A reversible liquid crystal display (LCD), comprising:

a transmissive liquid crystal module;

5 a pair of light-guiding plates respectively disposed on two sides of the transmissive liquid crystal module, and

at least one light for supplying light to the pair of light-guiding plates.

2. The reversible liquid crystal display as claimed in claim 1, wherein the pair of light-guiding plates are made of transparent material, and formed with a plurality of micro-rhombuses for reflecting light.

10 3. The reversible liquid crystal display as claimed in claim 1, wherein the pair of light-guiding plates are made of thin film light-guiding material, and formed with a plurality of micro-rhombuses for reflecting light.

15 4. The reversible liquid crystal display as claimed in claim 1, wherein the light is single, and a condenser is disposed adjacent to the light for guiding light to the light-guiding plates.

20 5. The reversible liquid crystal display as claimed in claim 1, further comprises an image reversing unit for reversing images of the liquid crystal module up-to-down, or right-to-left in response to the LCD being reversed.

6. The reversible liquid crystal display as claimed in claim 1, wherein the reversible LCD comprises two lights respectively corresponding to the pair of light-guiding plates.

25 7. The reversible liquid crystal display as claimed in claim 6, further comprising a controlling unit for turning the two lights on or off, thereby

turning the front light of the LCD on and turning the back light of the LCD off when turning over the LCD.

8. The reversible liquid crystal display as claimed in claim 6, further comprising a sensor for sensing reversal of the LCD.

5 9. The reversible liquid crystal display as claimed in claim 1, wherein the liquid crystal module is an OLED (organic light-emitting diode), PLED (polymer light-emitting diode), PDP (plasma display panel), or LCD (liquid crystal display).

10 10. The reversible liquid crystal display as claimed in claim 1, wherein the reversible LCD is assembled on a unit of electronic equipment with a liftable lid.

11. A unit of electronic equipment with a liftable lid and a reversible liquid crystal display (LCD), comprising:

15 a display panel, having a reversible LCD assembled therein, wherein the reversible LCD comprises:

 a transmissive liquid crystal module;

 a pair of light-guiding plates respectively disposed on two sides of the transmissive liquid crystal module; and

20 at least one light for supplying light to the pair of light-guiding plates;

 an operating portion, having a plurality of operating buttons assembled thereon; and

 a connecting portion, connecting the display panel to the operating portion.

25 12. The unit of electronic equipment with a liftable lid and a

reversible liquid crystal display as claimed in claim 11, wherein the unit of electronic equipment is cell phone, notebook, or personal digital assistant.

13. The unit of electronic equipment with a liftable lid and a
5 reversible liquid crystal display as claimed in claim 11, wherein the pair of light-guiding plates are made of thin film light-guiding material and formed with a plurality of micro-rhombuses for reflecting light.

14. The unit of electronic equipment with a liftable lid and a
10 reversible liquid crystal display as claimed in claim 11, wherein the pair of light-guiding plates are made of transparent material and formed with a plurality of micro-rhombuses for reflecting light.

15. The unit of electronic equipment with a liftable lid and a reversible liquid crystal display as claimed in claim 11, wherein the light is single, and a condenser is disposed adjacent to the light for guiding
15 light to the light-guiding plates.

16. The unit of electronic equipment with a liftable lid and a reversible liquid crystal display as claimed in claim 11, further comprising a sensor for sensing reversal of the LCD

17. The unit of electronic equipment with a liftable lid and a
20 reversible liquid crystal display as claimed in claim 16, wherein the sensor is mounted on the operating portion or the connecting portion.

18. The unit of electronic equipment with a liftable lid and a reversible liquid crystal display as claimed in claim 11, further comprising an image-reversing unit for reversing images of the liquid
25 crystal module up-to-down or right-to-left in response to the LCD being

reversed.

19. The unit of electronic equipment with a liftable lid and a reversible liquid crystal display as claimed in claim 11, wherein the display panel comprises two lights respectively corresponding to the pair
5 of light-guiding plates

20. The unit of electronic equipment with a liftable lid and a reversible liquid crystal display as claimed in claim 11, further comprising a controlling unit for turning the two lights on or off, wherein the controlling unit turns off the light near the user and turns on the light
10 away from the user corresponding to a display module being reversed.